



## LIST OF INFORMATION DISCLOSED BY APPLICANT

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ARTY. DOCKET NO. 17509-0001		SERIAL NO. 09/975,672	FILING DATE October 10, 2001			
APPLICANT(S) Sheppard, Jr., et al.		GROUP 3762				
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>h</i>	3,692,027	09/19/72	Ellinwood, Jr.			
	4,360,019	11/23/82	Portner et al.			
	4,507,115	03/26/85	Kambara et al.			
	4,585,652	04/29/86	Miller et al.			
	4,731,049	03/15/88	Parsi			
	4,793,825	12/27/88	Benjamin et al.			
	5,042,975	08/27/91	Chien et al.			
	5,167,625	12/01/92	Jacobsen et al.			
<i>h</i>	5,170,801	12/15/92	Casper et al.			
<i>h</i>	5,200,051	04/06/93	Cozzette, et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO	
<i>h</i>	93/03790	03/04/93	WO	Rutgers, The State University of NJ		
	197 16 683	06/04/98	DE	Fraunhofer Ges Forschung	X	
<i>h</i>	01/28629	04/26/01	WO	Abiomed, Inc.		
<i>h</i>	01/37926	05/31/01	WO	Abiomed, Inc.		
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>h</i>	Barillaro, et al., Optical Materials, 17(1-2):91-94 (2001).					
<i>h</i>	Low, et al., "Microactuators Towards Microvalves for Responsive Controlled Drug Delivery," Sensors & Actuators B 67: 149-60 (2000).					
<i>h</i>	Madou & Florkey, "From Batch to Continuous Manufacturing of Microbiomedical Devices," Chem. Rev., 100: 2679-92 (2000).					
<i>h</i>	Madou, Fundamentals of Microfabrication, pp. 468-512 (CRC Press 1997).					
EXAMINER		DATE CONSIDERED <i>2/21/02</i>				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

## LIST OF INFORMATION DISCLOSED BY APPLICANT

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ATTY. DOCKET NO. 17509-0019	SERIAL NO. 09/975,672	FILING DATE October 10, 2001
APPLICANT(S) Sheppard, Jr., et al.		GROUP 3762

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>M</i>	5,252,294	10/12/93	Kroy et al.			
	5,279,607	01/18/94	Schentag et al.			
	5,318,557	06/07/94	Gross			
	5,324,316	06/28/94	Schulman et al.			
	5,336,213	08/09/94	D'Angelo et al.			
	5,366,454	11/22/94	Currie et al.			
	5,368,704	11/29/94	Madou et al.			
	5,368,588	11/29/94	Bettinger			
	5,429,822	07/04/95	Gresser et al.			
	5,443,508	08/22/95	Giampapa			
	5,474,527	12/12/95	Bettinger			
	5,585,069	12/17/96	Zanzucchi et al.			
	5,713,954	02/03/98	Rosenberg et al.			
<i>M</i>	5,797,898	08/25/98	Santini, Jr. et al.			
<i>M</i>	5,798,042	08/25/98	Chu et al.			

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>M</i>	Madou & He, "Exploitation of a Novel Artificial Muscle for Controlled Drug Delivery," pp. 495-497 (1999).
<i>M</i>	Surbled, et al., "Shape Memory Alloys for Micromembranes Actuation," SPIE 3825: 63-70 (1999).
<i>M</i>	Surbled, et al., "Array of Shape Memory Alloy One-Shot Micro-Valves for Drug Delivery," MME '99, Gif sur Yvette, France (Sept. 27-28, 1999).
<i>M</i>	Tierney, et al., "New Electrorelease Systems Based on Microporous Membranes," J. Electrochem. Soc., 137:3789-3793 (1990).

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>M</i>	5,807,397	09/15/98	Barreras			
<i>M</i>	5,841,122	11/24/98	Kirchhoff			
<i>M</i>	5,842,787	12/01/98	Kopf-Sill et al.			
<i>M</i>	5,843,767	12/01/98	Beattie			
<i>M</i>	5,962,081	10/05/99	Öhman et al.			
<i>M</i>	5,976,336	11/02/99	Dubrow et al.			TC 3700
<i>M</i>	5,989,445	11/23/99	Wise et al.			RECEIVED MAR 29 2002
<i>M</i>	6,047,214	04/04/00	Mueller et al.			
<i>M</i>	6,096,656	08/01/00	Matzke et al.			MAIL ROOM
<i>M</i>	6,123,861	09/26/00	Santini, Jr. et al.			
<i>M</i>	6,140,740	10/31/00	Porat, et al.			
<i>M</i>	6,171,850	01/09/01	Nagle et al.			
<i>M</i>	6,243,608	06/05/01	Pauly et al.			
<i>M</i>	09/638,109		Santini, Jr., et al.			08/11/00
<i>M</i>	09/715,493		Santini, Jr., et al.			11/17/00

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

*M* Tierney, et al., "Electroreleasing Composite Membranes for Delivery of Insulin and Other Biomacromolecules," *J. Electrochem. Soc.*, 137:2005-06 (1990).

*M* Liu C., et al. "Applications of microfabrication and micromachining techniques to biotechnology," *Trends in Biotechnology*, Vol. 15, No. 6, pp 213-16.

*M* Palmore & Whitesides, "Microbial and Enzymatic Biofuel Cells," *Enzymatic Conversion of Biomass for Fuel Production*, ACS Symposium Series 566:271-90 (1994).

*M* Kano & Ikeda, "Fundamentals and practices of mediated bioelectrocatalysis," *Analytical Sci.*, 16(10):1013-21 (2000)

EXAMINER	DATE CONSIDERED
<i>M</i>	<i>G/28</i>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in, conformance and not considered. Include copy of this form with next communication to applicant.

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17509-0019	09/975,672	October 10, 2001
APPLICANT(S)	GROUP	
Sheppard, Jr., et al	3762	

## U.S. PATENT DOCUMENTS

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>W</i>	Wilkinson, Autonomous Robots, 9(2): 99-111 (2000).
<i>h</i>	Wolf & Tauber, "Silicon Processing for the VLSI Era," (Lattice Press, 1986).

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APPLICANT(S) Sheppard, Jr., et al.			GROUP 3762			
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS
<i>WJL</i>	6,334,859	01/01/02	Richter			
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	NAME		TRANSLATION Yes      No
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
EXAMINER <i>WJL</i>			DATE CONSIDERED <i>08/10/02</i>			
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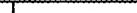
FORM PTO-1449, Adapted

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		GROUP 3762	

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION Yes	No
<i>LN</i>	99/42039	08/26/1999	WO	Vascusense, Inc.		

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

K Reynaerts, et al. "An Implantable drug-delivery system based on shape memory alloy micro-actuation", Sensors and Actuators A, 61(1-3):455-162 (1997).

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